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## TRANSMITTAL LETTER TO THE UNITED STATES

ATTORNEY'S DOCKET NUMBER 06563/LH

INTERNATIONAL APPLICATION NO.   22 DECEMBER 2005   PRIGRITY DATE CLAMED	CONCERNING A SUBMI	U.S. AEPUGATION OF THE STATE OF 1.5)				
IMPROVED TIME-INTERLEAVED ANALOG-TO-DIGITAL CONVERTER AND HIGH SPEED SIGNAL PROCESSING SYSTEM USING THE SAME APPLICANT(S) FOR DODEOUS  Massacki FUSE & Hitchshi SEKIYA Applicant herewith submits to the United States Designeted/Elected Office (DO/EO/US) the following items and other information:  1.	PCT/JP2005/023676	INTERNATIONAL FILING DATE 22 DECEMBER 2005				
Masaak FUSE & HitoShi SEKIYA Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  1.	TITLE OF INVENTION IMPROVED TIME-INTERLEAVED ANALO	OG-TO-DIGITAL CONVERTER AND HIGH SPEED	SIGNAL PROCESSING SYSTEM USING THE SAME			
1.		FUSE & Hitoshi SEKIYA				
This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (8), (9) and (21) indicated below.  A Copy of the International Application as filled (35 U.S.C. 371(c)(2))  a.	Applicant herewith submits to the Un	ited States Designated/Elected Office (DO/E	O/US) the following items and other information:			
3.	1. X This is a FIRST submission of I	tems concerning a submission under 35 U.S.C. 37	71.			
(5), (6), (9) and (21) indicated below.  4.  \(  \text{ \te	2. This is a SECOND or SUBSEQ	UENT submission of items concerning a submissi	on under 35 U.S.C. 371.			
5.			71(f)). The submission must include items			
a.	4. The US has been elected (Artic	cle 31).	,			
b.	5. X A copy of the International Ap	oplication as filed (35 U.S.C. 371(c)(2))				
c.  s not required, as the application was filed in the United States Receiving Office (RO/US).  6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).  a.  is attached hereto.  b.  has been previously submitted under 35 U.S.C. 154(d)(4).  7.  Amendments to the claims of the international Application under PCT Article 19 (35 U.S.C. 371(c)(3))  a.  are attached hereto (required only if not communicated by the International Bureau).  b.  have been communicated by the International Bureau.  c.  have not been made; however, the time limit for making such amendments has NOT expired.  d.  have not been made and will not be made.  8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).  9.  An end her declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  10.  An English language translation of the annexes of the international Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).  Items 11 to 20 below concern document(e) or information included:  11.  An information Disclosure Statement under 37 CFR 1.97 and 1.98.  12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.  13.  A preliminary amendment.  14.  An Application Data Sheet under 37 CFR 1.76.  15.  A substitute specification.  16.  A power of attorney and/or change of address letter.  17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13/er.2 and 37 CFR 1.821-1.825.	a. X is attached hereto (	required only if not communicated by the internation	onai Bureau).			
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ן זט. בו A second copy of the published international Application under 35 U.S.C. 154(d)(4).						
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).  Express Mail Label No. EV 902 109 022 US  Other items or information:	Γ <del>Ο</del> Ι		· · · · · · · · · · · · · · · · · · ·			

Int. search report; 08A; 3 references; 25 sheets formal drawings (Figs. 1-24); Change of correspondence address; Request for Pub. Of Assignment Information; 1st page Int. appln. With PCT/IB/311; PCT Request; ISA/237.

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above with sufficient postage, and is addressed to the Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria VA 2231331450

# AP5 Rec'd PCT/PTO 25 AUG 2006 PTO-1390 (Rev. 02-2005) Approved for use through 3/31/2007. OMB 0651-0021 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE of to respond to a collection of information unless it displays a valid OMB control number.

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U.S. AFFLICA	107	5707		PLIGATION NO.			KET NUMBER	
U.S. APPLICATION NO. 16 COVID 1995, 16 persons are required to respond to a deficient of information of the covid and the covid				06563/LH				
I he foll	I he following fees have been submitted				CALCULATI	ONS	PTO USE ONLY	
21. 🙀 Basi	ic national fee			\$300	9	300.00		
22. Examination fee  If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)				\$	200.00			
23. Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority			\$	400.00				
	TOTAL OF 21 2	2 and 23 =			\$ 0	300.00	<u>.</u>	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				•	700.00	-		
Total Sheets	Extra Sheets		ch additional 50 or fraction I up to a whole number)	RATE				
129 - 100 =	29 /50 =			x \$250	\$	250.00		
	80.00 for furnishing late (37 CFR 1.49)		laration later than 30 months f	rom the earliest	\$	.00		
CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$			
Total claims	2	- 20 =	1	× \$50	\$	50.00		
Independent clai	ms 2	-3=	0	x \$200	\$	.00		
MULTIPLE DEPI	ENDENT CLAIM(S	(if applicable)		+ \$360	\$	.00		
			TOTAL OF ABOVE	CALCULATIONS =	\$	1200.00		
Applicant cla	ims small entity st	atus. See 37 CF	R 1.27. Fees above are reduc	ed by 1/2.		1200.00		
				SUBTOTAL =	\$	1200.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).			\$ .00					
TOTAL NATIONAL FEE =			\$ 1200.00					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +			\$ 40.00					
			TOTAL F	EES ENCLOSED =	\$	1240.00		
			Amount to be		\$ .00			
				refunded: Amount to be charged:	9	\$ .00		
a. A chec	k In the amount of	\$	to cover the abo	ove fees is enclosed.		•		
b. Please		sit Account No	in the amount of		wer the above f	<b>'88</b> 3.		
c. X The Co	mmissioner is here	aby authorized to	o charge any additional fees wi opy of this sheet is enclosed.	nich may be required,	or credit any ov	erpayment	to Deposit	
d. X Fees ar	re to be charged to	a credit card. V	VARNING: Information on this card information and authorize	•	olic. Credit card	i informati	on should not	
NOTE: Where a	n appropriate tim	e ilmit under 37	CFR 1.495 has not been me		(37 CFR 1.137	(a) or (b))	must be filed	
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SEND ALL CORRESPONDENCE TO:  CUSTOMER NO. 01933  SIGNATURE							<del></del>	
Leonard Holtz  Frishauf, Holtz, Goodman & Chick P.C.  NAME				toltz_				
220 5TH AV	· ·		l:bv	22,974 REGISTRATIO	74 ISTRATION NUMBER			

### IAP5 Rec'd PCT/PTO 25 AUG 2006

PTO/SB/122 (10-00)

Approved for use through 10/31/2002. OMB 0651-0035 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

06563/LH

CHANGE OF
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Application

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Alexandria, VA. 22313-1450

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Application Number

Application Number
Not yet assigned
Herewith
Filing Date
First Named Inventor
FUSE

Group Art Unit
Examiner Name

Attorney Docket Number

Please change the Correspondence Address for the above-identified application to:  [X] Customer Number [ 01933 ] →							
OR						•	
[ ] Firm or Individual Name							
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[ ] Applicant/Inventor. [ ] Assignee of record of the entire interest. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).							
<ul> <li>[X] Attorney or Agent of record. Registration No. 33,902</li> <li>[ ] Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number</li> </ul>							
Typed or Printed Name	Legnard Holtz, Reg	. No.	22,	974			
Signature							
Date August 25, 2006 Telephone: (212) 319-4900							
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below.							
[ ] Total of forms are submitted.							

This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is govered by 35 USC 122 and 37 CFR 1.14. This collection is estimated to take 3 minuted to complete, including gathering, preparing and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Attorney Docket No. 06563/LH

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): M. FUSE et al

Serial No. : National Phase of '

PCT/JP2005/023676

Filed : Herewith

For : IMPROVED TIME-

> INTERLEAVED ANALOG-TO-DIGITAL CONVERTER AND

HIGH SPEED SIGNAL..

Art Unit Examiner Express Mail Mailing Label No.: EV 902 109 022 US

Date of Deposit: August 25, 2006

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for

Patents, P.O. Box 1450, Alexandría, VA) 22313-1450

In the event that this Paper is late filed, and the necessary petition for extension of time is not filed concurrently herewith, please consider this as a Petition for the requisite extension of time, and to the extent not tendered by credit card payment attached hereto, authorization to charge the extension fee, or any other fee required in connection with this Paper to Account

No. 06-1378.

#### REQUEST FOR PUBLICATION OF ASSIGNMENT INFORMATION

Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450

#### SIR:

It is requested that the following assignment information be published as part of the 18 month publication of the present application:

> Anritsu Corporation 5-1-1, Onna, Atsugi-shi, Kanagawa 243-8555 JAPAN

> > Respectfully submitted,

LEONARD HOLTZ

Reg. No. 22,974

Frishauf, Holtz, Goodman & Chick, P.C. 220 Fifth Avenue - 16th Floor New York, New York 10001-7708 (212) 319-4900Fax No. (212) 319-5101 LH/bv